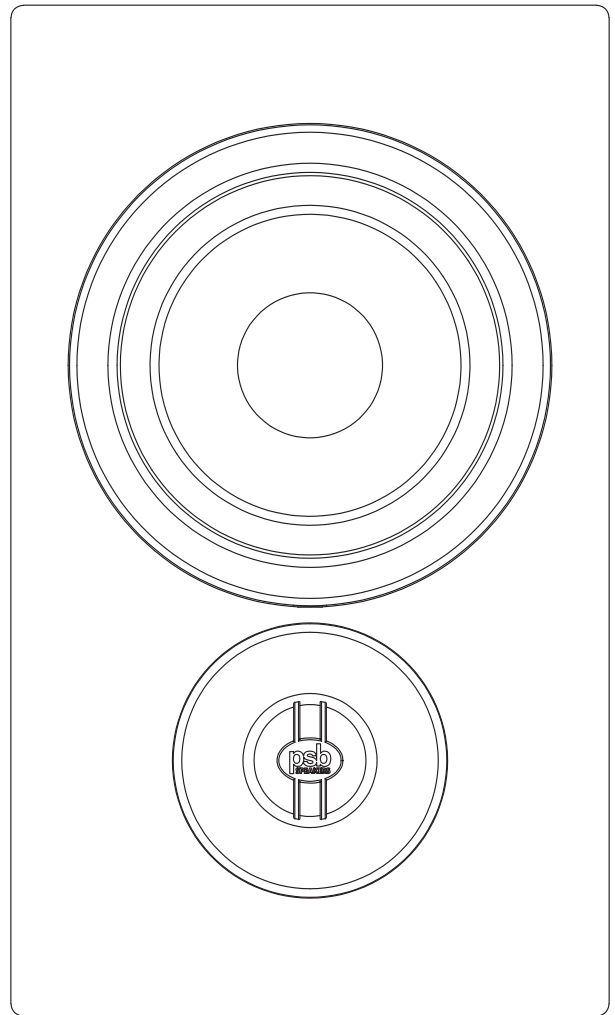
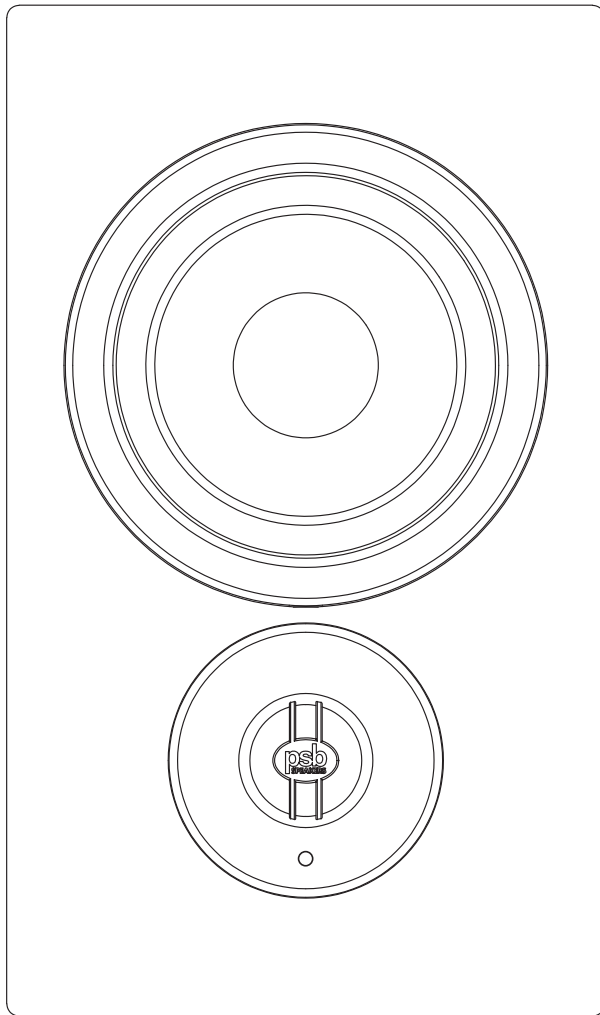


iQ1



IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use the attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
16. To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture.
17. The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

WARNING



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

IC WARNING

This radio transmitter has been approved by Industry Canada. This Class B digital apparatus complies with Canadian standard ICES-003. This device complies with Industry Canada License exempt RSS standard(s). Operation is subject to the following two conditions.

1. This device may not cause interference and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with ISSED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

GETTING STARTED

What's in the Box

Packed with your iQ1 you will find:

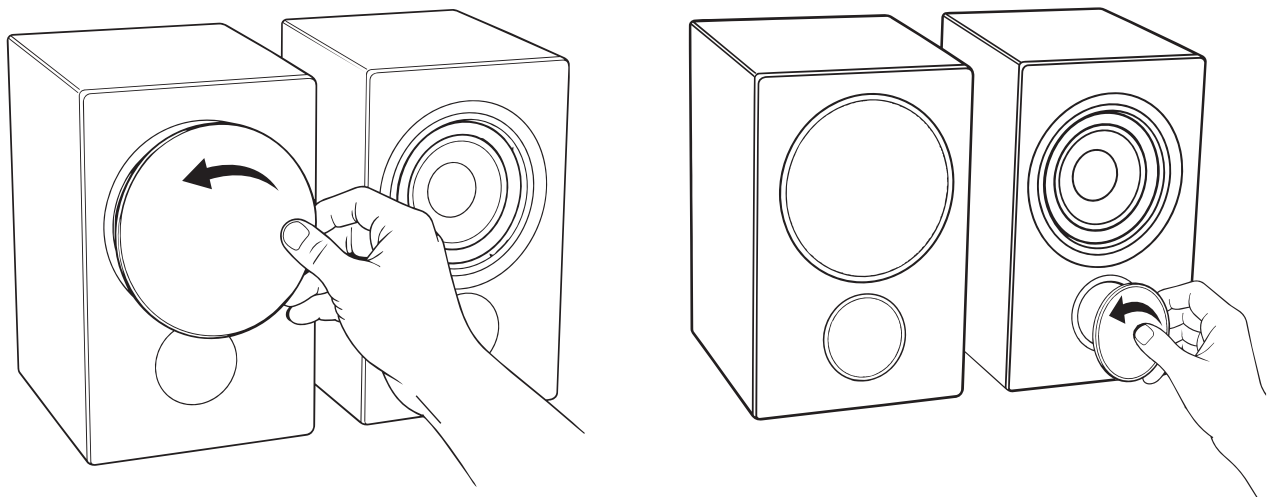
- Power cord for North America
- Power cord for Europe
- Ethernet cable
- Interconnect cable
- Eight pieces of rubber feet
- Four pieces of grille
- Quick Setup Guide
- Important Safety Instruction sheet
- Warranty card
- EU service address card

Unpacking

The packing materials are designed to protect the speakers from damage during transport. However, if visible or concealed damage is to occur in handling, it should be reported at once to your authorized PSB dealer, or to the shipping company that delivered your loudspeakers. We highly recommend retaining all packaging, as it may be needed to transport the speakers in the future.

Installing the Grilles

Attach and align



Positioning

- As symmetrically as possible, place your iQ1 Primary and Secondary Speakers at a comfortable listening location with no obstructions at the front or back.
- We recommend at least three inches of clearance around the back of both speakers. Good air circulation is required for heat dissipation, and to ensure proper performance of the rear-firing ports. Similar positioning and clearance should be used for both speakers.

For more detailed information about speaker placement, please visit www.psbspeakers.com

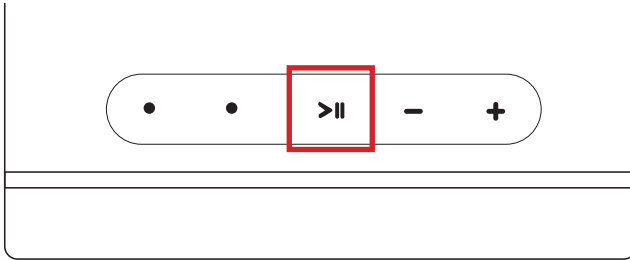
Factory Reset

Your iQ1 can be factory reset or restored to factory default settings if your iQ1 is not functioning or internet firmware upgrade has failed. All customizations including Wi-Fi network configuration, file shares and saved playlists will be lost. They have to be re-created once factory reset is completed.

Steps to Factory Reset

Factory reset the Primary Speaker. Secondary Speaker does not require any factory reset.

1. Disconnect the Primary Speaker from mains power outlet. Remove the Ethernet cable from the Primary Speaker LAN port if applicable.
2. Wait for 30 seconds and then reconnect the power.
3. As soon as the Status Indicator LED turns Red, press and hold the >|| (Play/Pause) button. The Status Indicator LED will immediately turn Green and then back to Red.
4. Continue holding the >|| (Play/Pause) button until the Status Indicator LED begins blinking red - release hold of the >|| (Play/Pause) button.



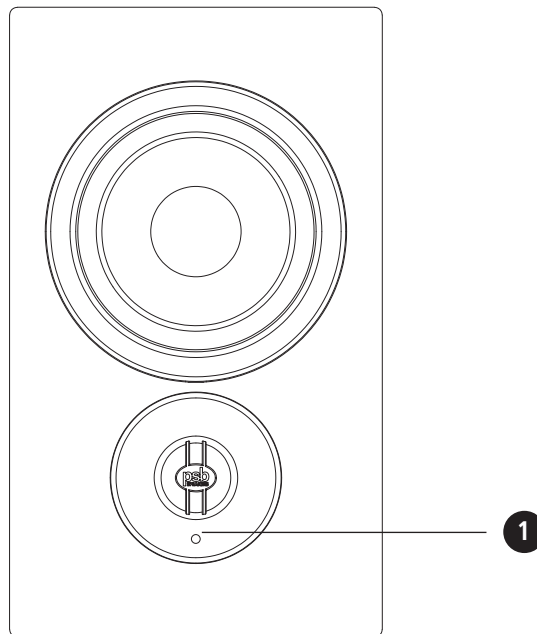
5. Wait for the Status Indicator LED to turn solid green. Once it is solid green, the factory reset of the Primary Speaker is completed and ready for configuration.

IMPORTANT NOTE

Releasing >|| (Play/Pause) button before the Status Indicator LED blinks Red will cancel the factory reset process and leave the iQ1 in Upgrade Mode. Just start again the procedure for Factory Reset.

IDENTIFICATION OF CONTROLS

FRONT - PRIMARY SPEAKER

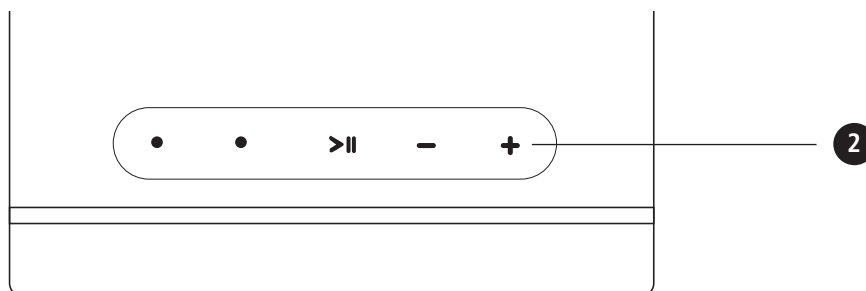


1. STATUS INDICATOR LED

Below is a table of the LED blink codes and their corresponding descriptions.

LED BLINK CODE	DESCRIPTION
Blinking green	Trying to connect to Wi-Fi Network
Solid green	Hotspot mode (Ready for Setup)
Alternately blinking red and green	Installing upgrade
Solid purple	Hotspot mode timeout Press and hold > (Play/Pause) in the Primary Speaker for 5 seconds to resume hotspot mode.
Solid red	Initialization and upgrade mode
Blinking red	Initiating factory reset (refer to section about Factory Reset)
Alternately blinking blue and purple	Not paired
Solid blue	Connected to network and Ready to use with BluOS App

TOP PANEL - PRIMARY SPEAKER



2. >||, +, -, • •

>||

- Press to play, pause or resume playback of current song.
- Use also for restoring Primary Speaker to factory default settings. Refer to section about FACTORY RESET.

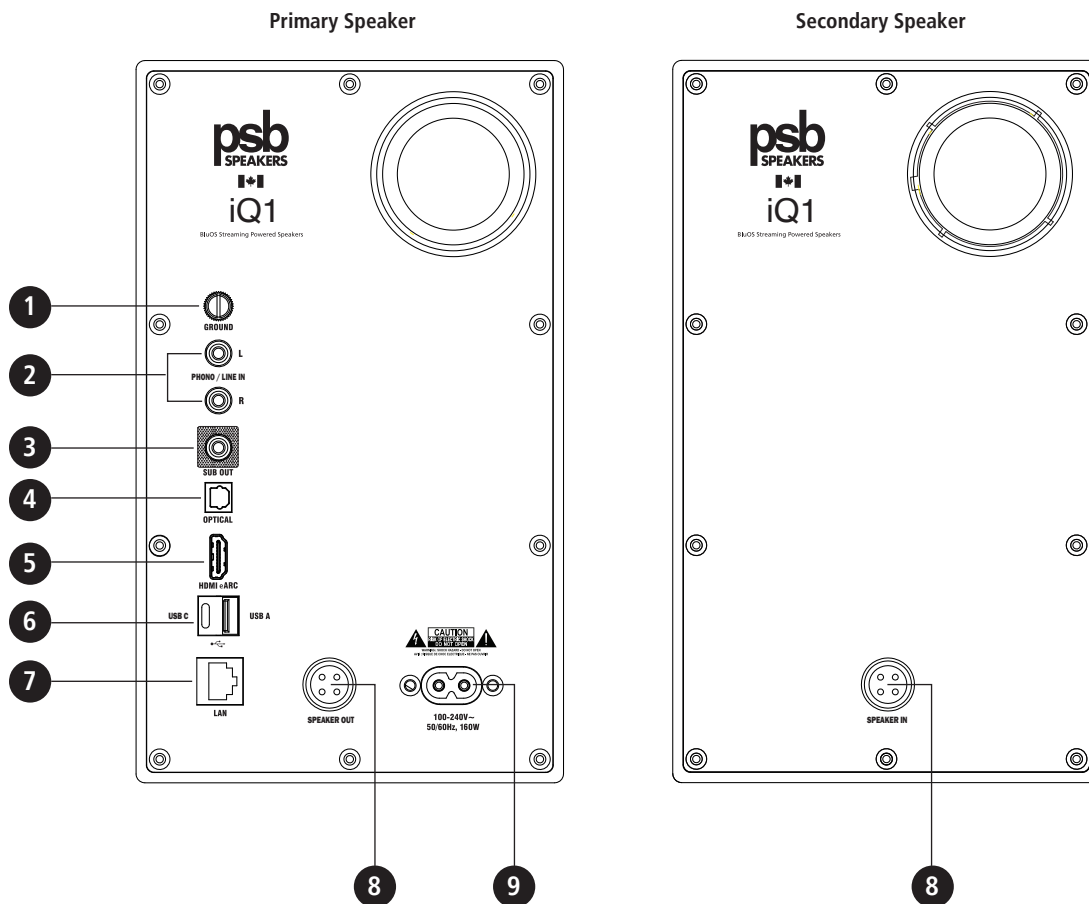
+, -

- Use to vary volume level. Tap + to increase the volume level or - to decrease the volume level in 1 dB intervals. This volume tap method allows you to fine-tune your volume setting.

• • (PRESETS)

- iQ1 has 2 programmable preset buttons. These are configured using the Presets menu in the BluOS App.

BACK PANEL



1. GROUND

- Connect to this Ground terminal if your turntable includes a ground/earth lead.
- If necessary, use this Ground terminal to connect to ground a phono or turntable source for PHONO input.
- If a separate earth ground is necessary, use this terminal to ground your iQ1.
- The iQ1 can be connected to Ground by connecting a ground lead wire (not supplied) or similar to this terminal. After insertion, tighten the terminal to secure the lead.

2. PHONO/LINE IN

- Dual-input terminal that automatically detects whether the connected source is a turntable or a line-level audio device.
- Input for a Moving Magnet (MM) phono cartridge only. Connect RCA cable (not supplied) from your turntable to this input if you are using a Moving Magnet cartridge.
- Input for line level sources such as CD player, tuner or any compatible devices. Use RCA cable (not supplied) to connect the source device's left and right "Audio Output" to this line input terminal.
- Select **Phono/Line In** in the BluOS app to choose this input as your active source.

3. SUB OUT

- Connect to low-level input of an external active subwoofer using a subwoofer interconnect cable (not supplied).
- With your Subwoofer connected, go to **Audio** in the Settings menu of the BluOS App. Enable your **Subwoofer** under Subwoofer option and set preferred crossover settings under **Crossover** option.

4. OPTICAL

- Using a TOSLINK optical cable (not supplied), connect to corresponding optical digital output of sources such as CD players, streamers, digital cable box, digital tuners and other applicable devices.

5. HDMI eARC

- Using an HDMI cable (not supplied), connect one end to the HDMI eARC terminal of the iQ1 and the other end to an eARC-enabled HDMI terminal on your TV.
- HDMI eARC feature works when the connected device supports this function and are linked via HDMI.

IMPORTANT

- *Set the audio format of the eARC-connected device to PCM only.*
- *The HDMI eARC port on the iQ1 supports audio output from the TV only; it does not provide video output.*

6. USB C/USB A

USB C

- Use a USB C cable (not supplied) to send digital audio directly from your computer (PC or Mac) to this port.
- Select **USB C** In in the BluOS app to choose this input as your active source.

USB A

- Connect to this USB port a USB drive formatted as FAT32 or NTFS.
- Upon detection of the connected USB drive, an onscreen notification appears in the BluOS App. Select **Yes** or **No** to share the USB drive with other players on the network.
- The connected USB drive appears as **USB** in the BluOS App. Access and playback music stored in the connected USB drive by selecting **USB** in the BluOS App.

7. LAN

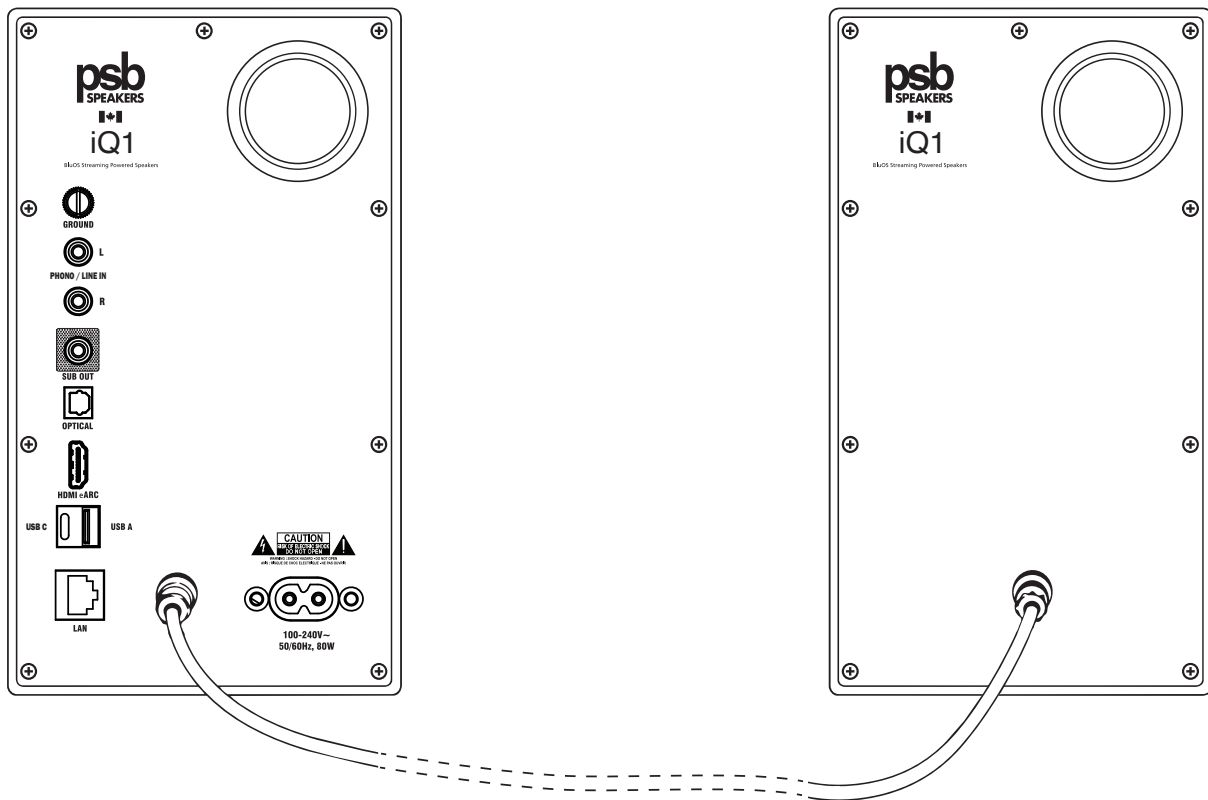
- The LAN port allows a wired network connection using the supplied Ethernet cable. This connection is optional, as the iQ1 can also connect to your network via Wi-Fi connection.
- To set up the iQ1 using the LAN port, a wired Ethernet connection is required. Connect one end of the supplied Ethernet cable to the LAN port of your router or network switch and connect the other end to the LAN port on the iQ1. DHCP must be supported by the router to assign an IP address to iQ1.

NOTES

- *PSB is not responsible for any malfunction of the iQ1 and/or the internet connection due to communication errors or malfunctions associated with your broadband internet connection or other connected equipment. Contact your Internet Service Provider (ISP) for assistance or the service bureau of your other equipment.*
- *Contact your ISP for policies, charges, content restrictions, service limitations, bandwidth, repair and other related issues pertinent to internet connectivity.*

8. SPEAKER OUT/SPEAKER IN

- Connect one end of the supplied interconnect cable to the SPEAKER OUT terminal on the Primary Speaker and the other end to the SPEAKER IN terminal on the Secondary Speaker to establish connection between the two speakers.



9. POWER INLET

- The iQ1 comes supplied with two power cords. Select the power cord appropriate for your region.
- Before connecting the power cord's plug to the mains power outlet, ensure that the other end of the power cord is firmly connected to iQ1's Power Inlet.
- Always disconnect the power cord's plug from the mains power outlet before disconnecting the other end of the power cord from the iQ1's Power Inlet.

iQ1 BEST PRACTICES

Network Considerations

Streaming music content from the internet is dependent upon the internet download speed as well as your home network itself. The strength and coverage of your Wi-Fi network is the most important factor in determining how well a streaming service can deliver content throughout your home.

Here is a list of ways to improve the performance of your iQ1.

1. Wired is always better than wireless. Although the iQ1 is equipped to carry out all functions wirelessly, normal networking principles apply. In general, Wired ethernet connection has faster and more consistent download speed than Wireless connection. Wi-Fi transmission can be affected by other wireless signals wherein there may be interference in the communication between the network and receiver. Wherever possible, connect your iQ1 via Wired network connection.

2. Check Wireless Signal Strength. If you choose to use the iQ1 wirelessly, it is recommended that you check the signal strength between the iQ1 and your home network. This can be done within the BluOS App. Go to the Help section found at the bottom of the list of sources. From the help menu, choose Diagnostics. The antenna symbol shows the signal strength. If the signal rating is Poor or alternates between Fair and Poor, an adjustment may be necessary. Several options can improve signal strength.

Visit <https://support.bluos.net/hc/en-us/sections/360000042348> for some Networking tips.

SETUP GUIDE

Your iQ1 can be connected to your home network via Wired or Wireless connection. Setting up your iQ1 can be undertaken using either Android or iOS BluOS App only.

Important Setup Conditions

Before going through the Setup process of your iQ1, ensure the following are undertaken.

- Tablets and smartphones that support iOS or Android operating system can be used as mobile device controller.
- Download and install the corresponding BluOS App for your device.
- The BluOS Apps for iOS and Android devices as well as Windows and macOS desktops are available for download from their respective Application stores and BluOS downloads.
<https://bluos.io/downloads>
- Always update the BluOS App version in your device to the latest version.
- Connect the power cord's plug to the mains power outlet ensuring that the other end of the AC power cord is firmly connected to iQ1's Power Inlet.
- For wired and wireless connection to be established, ensure that a broadband router that supports Ethernet and/or Wi-Fi standards is set up and available.

IMPORTANT

The preceding guidelines and indicators are subject to change without notice. Always refer to the iQ1 product page for the most up-to-date information.

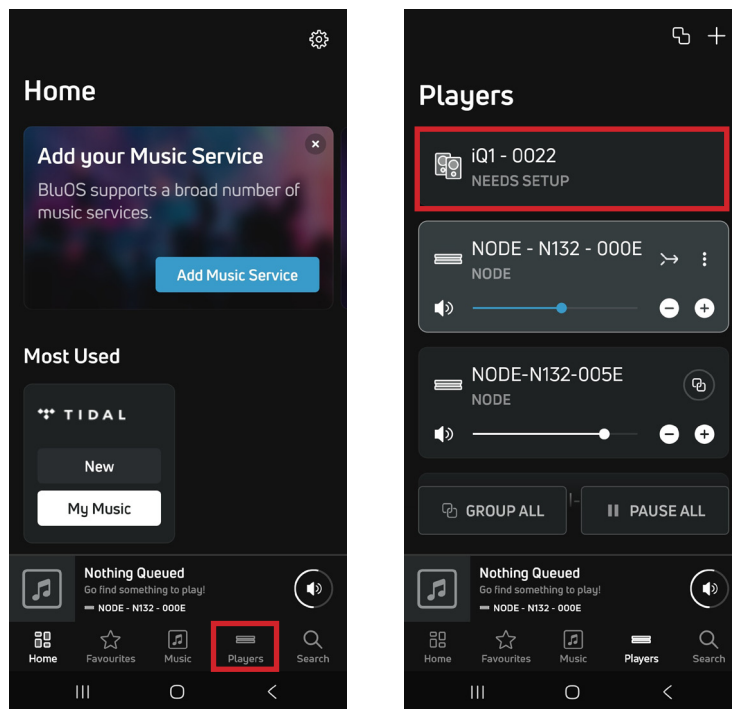
Wired Connection

1. With the Primary Speaker powered up, ensure that the Status Indicator LED is solid Green in color.

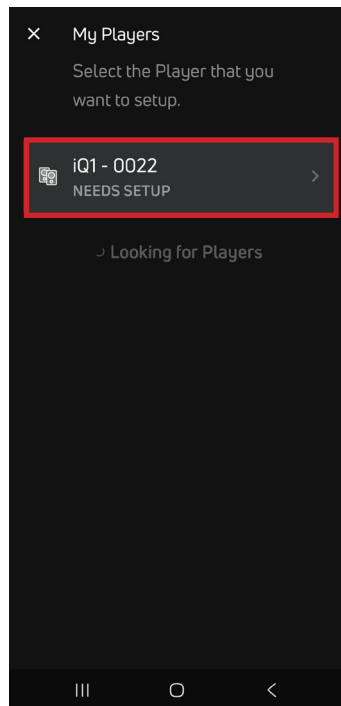
Note Perform a factory reset if the Status Indicator LED on the Primary speaker is not solid green.

2. Connect one end of the supplied Ethernet cable to the Primary Speaker's LAN port and the other end directly to your Wired network or router.
3. Launch the BluOS App on your iOS or Android device and ensure it is connected to the same network that the Primary Speaker will be connected to. BluOS App for Android is used in this example.

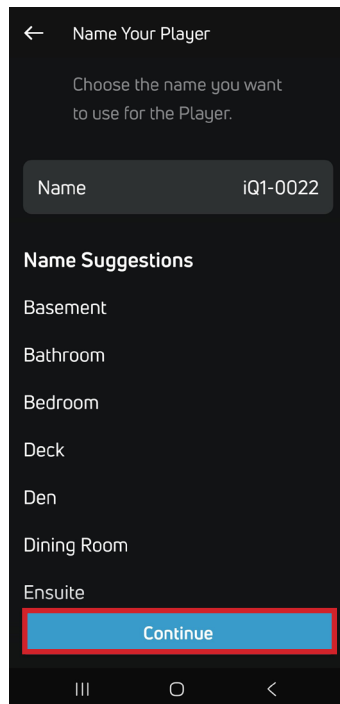
4. Tap the **Players** icon at the bottom of the BluOS app, then choose your iQ1 by selecting its unique network ID (iQ1-0022 in this example) from the **Players** list.



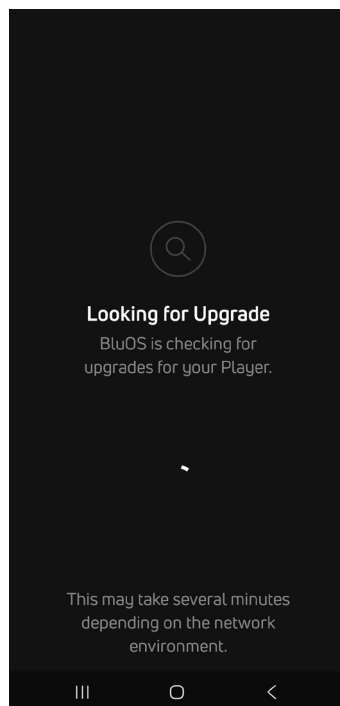
5. In the **My Players** window, select the iQ1 that requires setup by choosing its unique network ID (iQ1-0022 NEEDS SETUP in this example).



6. Enter the Name you prefer your iQ1-0022 to be customized for easier identification in the Player drawer. You can retain iQ1-0022 or select from the Name Suggestions provided. After finalizing your choice of designated name for your iQ1, select **Continue**.



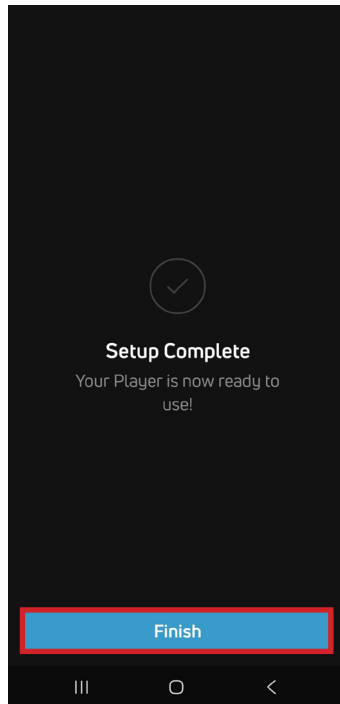
7. The iQ1 enters **Looking for Upgrade** mode and proceeds to install any detected firmware upgrade.



IMPORTANT

This stage of the setup process may take several minutes to complete. This is normal. Do not interrupt the process or power down your iQ1 while these steps are in progress.

- When **Setup Complete** is shown in the App, this indicates that your iQ1 is ready to use. Select **Finish** to complete and exit the setup process.



Wireless Connection

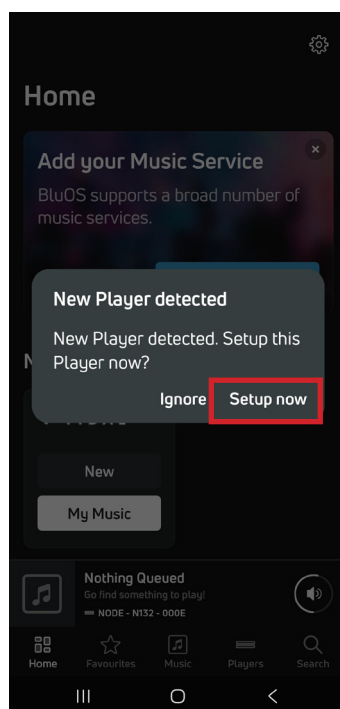
The process slightly differs between iOS (Apple) and Android devices. Follow below instructions for the smartphone or tablet that applies to you.

Android

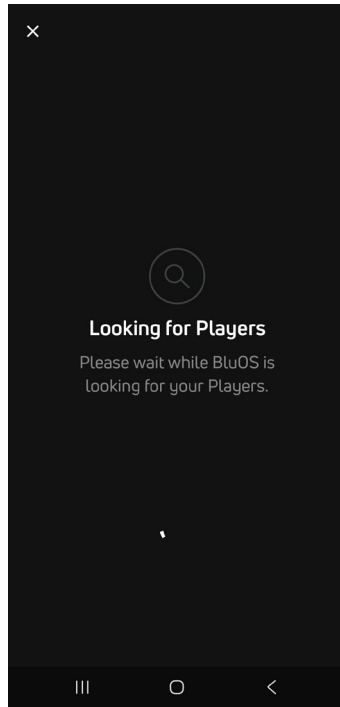
- With the Primary Speaker powered up, ensure that the Status Indicator LED is solid Green in color.

Note Perform a factory reset if the Status Indicator LED on the Primary speaker is not solid green.

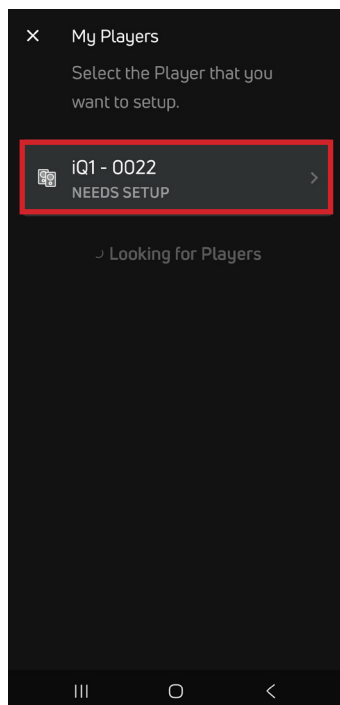
- Launch the BluOS App on your Android device and ensure it is connected to the same network that the Primary Speaker will be connected to.



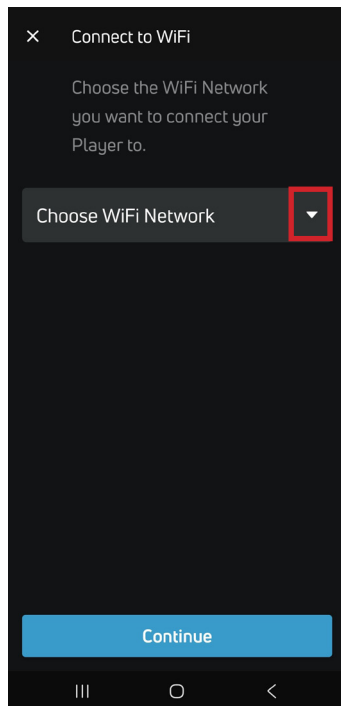
3. The BluOS App may immediately prompt **New Player detected**. Select **Setup now** to proceed with the setup process
 - a. If not prompted, select **Players** icon in the bottom portion of the BluOS App.
 - b. From upper right corner of the BluOS App, select **+** to launch Easy Setup Wizard.
4. The app will begin **Looking for Players**.



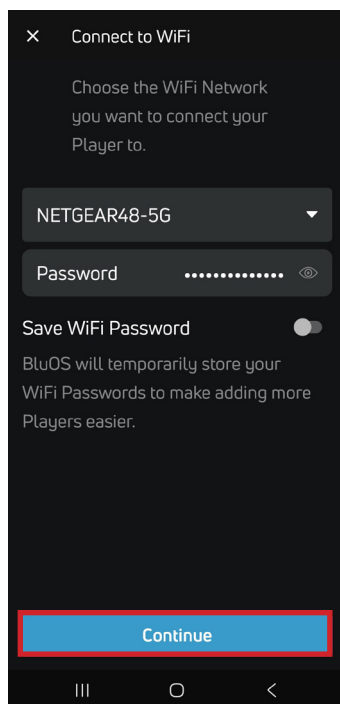
5. Available players will be listed under **My Players**. Select the unique network ID (iQ1-0022 in this example) of your iQ1 from the My Players window.



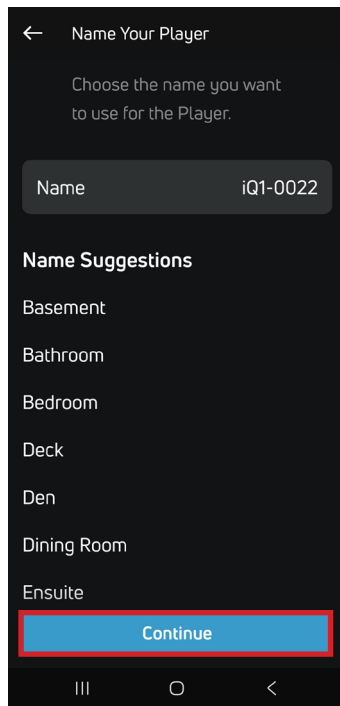
6. From the **Choose WiFi Network** drop-down menu, select your home network—the same Wi-Fi network that your BluOS app is connected to.



7. Enter your home network's Wi-Fi Password in the field provided and select **Continue**.



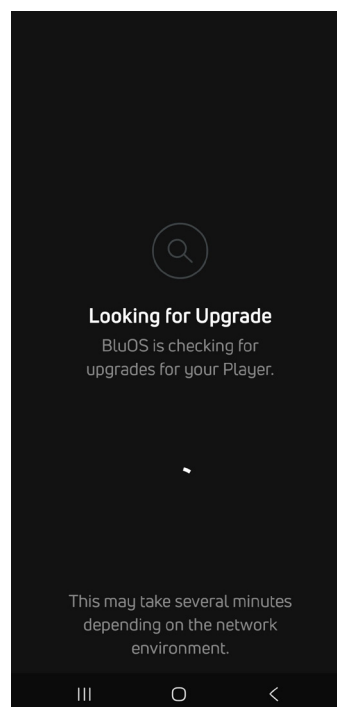
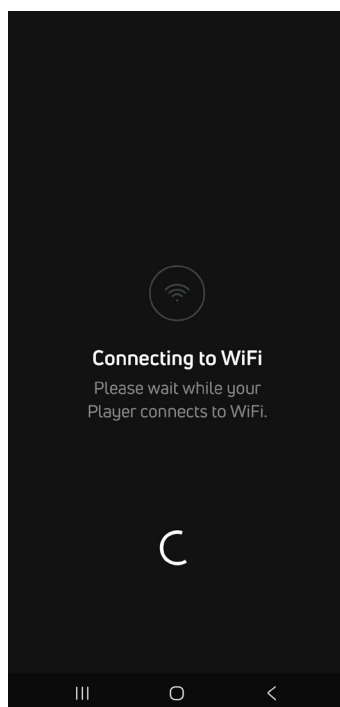
8. Enter the **Name** you prefer your iQ1-0022 to be customized for easier identification in the Player Drawer. You can retain iQ1-0022 or select from the Name Suggestions provided. After finalizing your choice of designated name for your iQ1, select **Continue**.



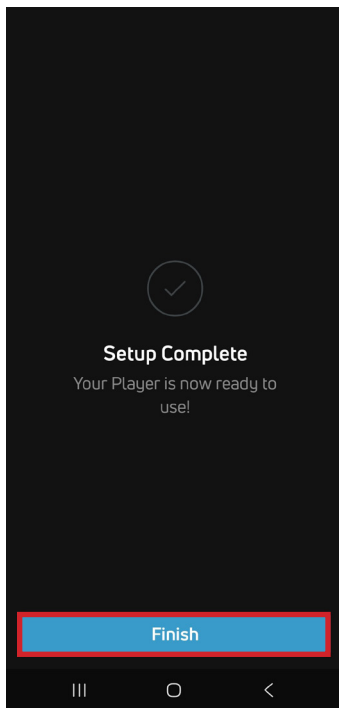
9. The setup connection proceeds through the **Connecting to WiFi** stage, checks **(Looking for Upgrade)** and installs firmware upgrade, if available.

IMPORTANT

This stage of the setup process may take several minutes to complete. This is normal. Do not interrupt the process or power down your iQ1 while these steps are in progress.



10. When **Setup Complete** is shown in the App, this indicates that your iQ1 is ready to use. Select **Finish** to complete and exit the setup process.

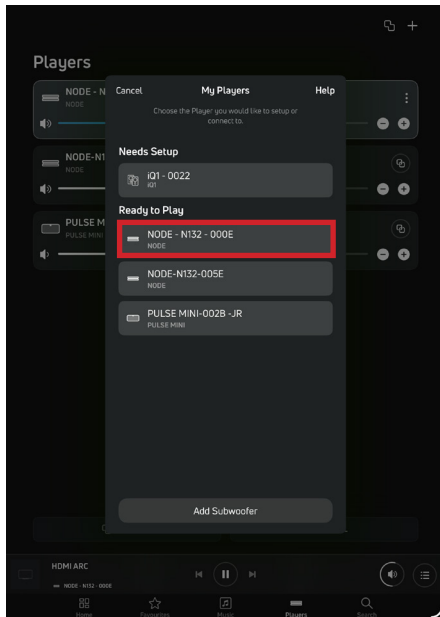


iOS

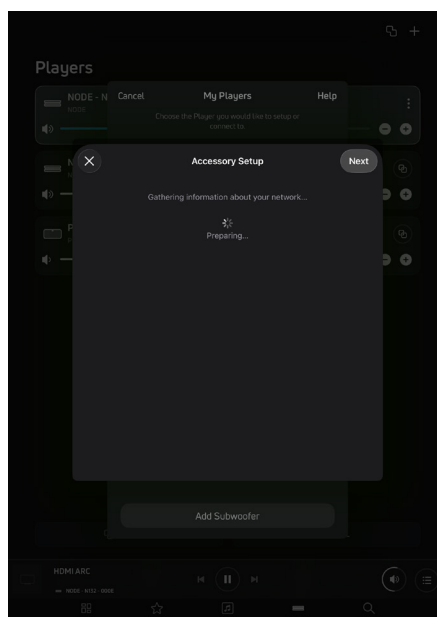
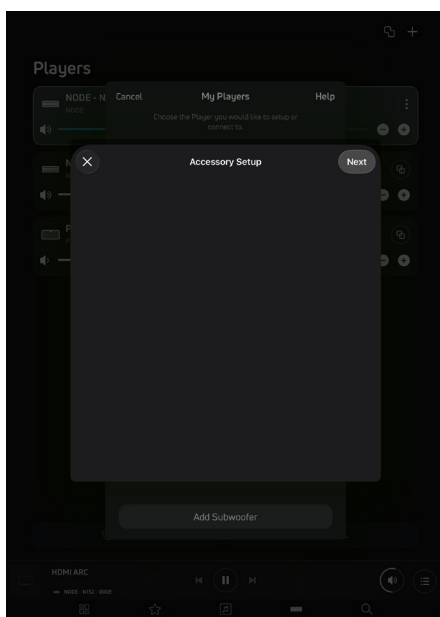
1. With the Primary Speaker powered up, ensure that the Status Indicator LED is solid Green in color.

Note Perform a factory reset if the Status Indicator LED on the Primary speaker is not solid green.

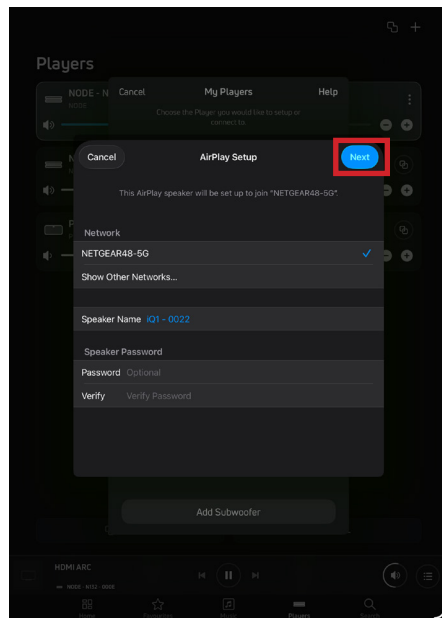
2. Launch the BluOS App on your iOS device and ensure it is connected to the same network that the Primary Speaker will be connected to.
3. The BluOS App may immediately prompt **Needs Setup** and show the unique network ID (iQ1-0020 in this example) of your iQ1.
 - a. If not prompted, select **Players** icon in the bottom portion of the BluOS App.
 - b. From upper right corner of the BluOS App, select **+** to launch Easy Setup Wizard.
4. Select the Primary Speaker's unique network ID (iQ1-0020 in this example) from the **Needs Setup** or My Players App screen.



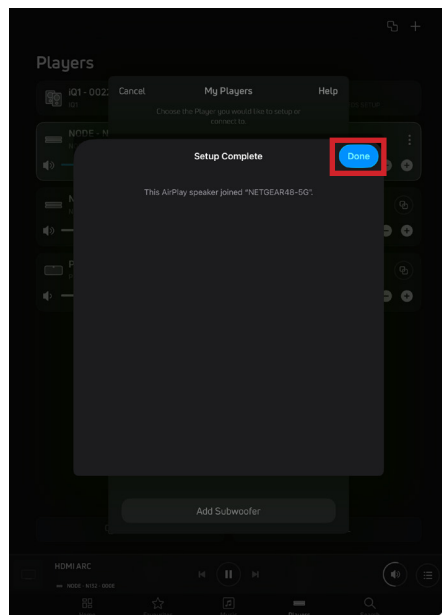
5. Network setup connection proceeds automatically. Follow the on-screen prompt to connect your Speaker to your home network.



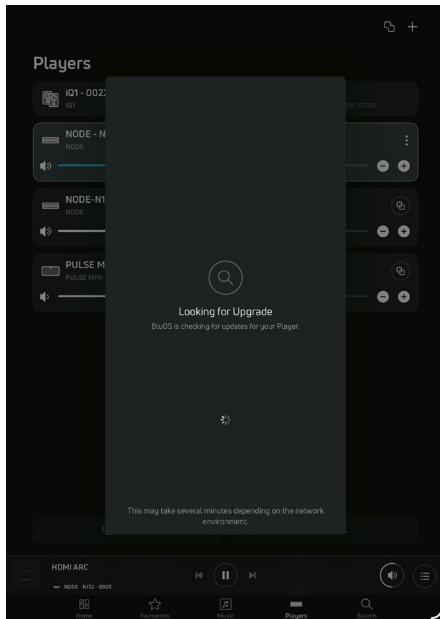
When AirPlay Setup screen comes up, select **Next**. Ensure that the selected/checked **Network** is the same Wi-Fi network that your BluOS App is connected to. Note that you can also customize the name of your iQ1 by entering desired name in the line item **Speaker Name**.



6. AirPlay Setup will proceed automatically. Follow setup process until **Setup Complete** is shown. Select **Done**.



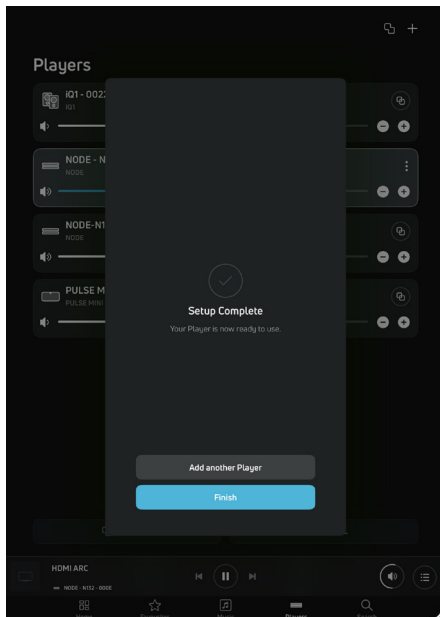
- The iQ1 enters **Looking for Upgrade** mode and proceeds to install any detected firmware upgrade.



IMPORTANT

This stage of the setup process may take several minutes to complete. This is normal. Do not interrupt the process or power down your iQ1 while these steps are in progress.

- When **Setup Complete** is shown in the App, this indicates that your iQ1 is ready to use. Select **Finish** to complete and exit the setup process.



Bluetooth as a Source

You can pair a Bluetooth-enabled device with your iQ1 by following these steps:

1. On your iOS, Android, or other Bluetooth-enabled device, navigate to **Settings → Bluetooth**.
2. From the list of available Bluetooth devices, select the iQ1's unique Bluetooth ID (for example, iQ1 – 0022 BT) to initiate pairing.
3. Once pairing is complete, open the BluOS app and select **Bluetooth** as the audio source.
4. Start playing music on your Bluetooth device. Audio will be streamed directly to the iQ1.

Disconnecting a Paired Bluetooth Device

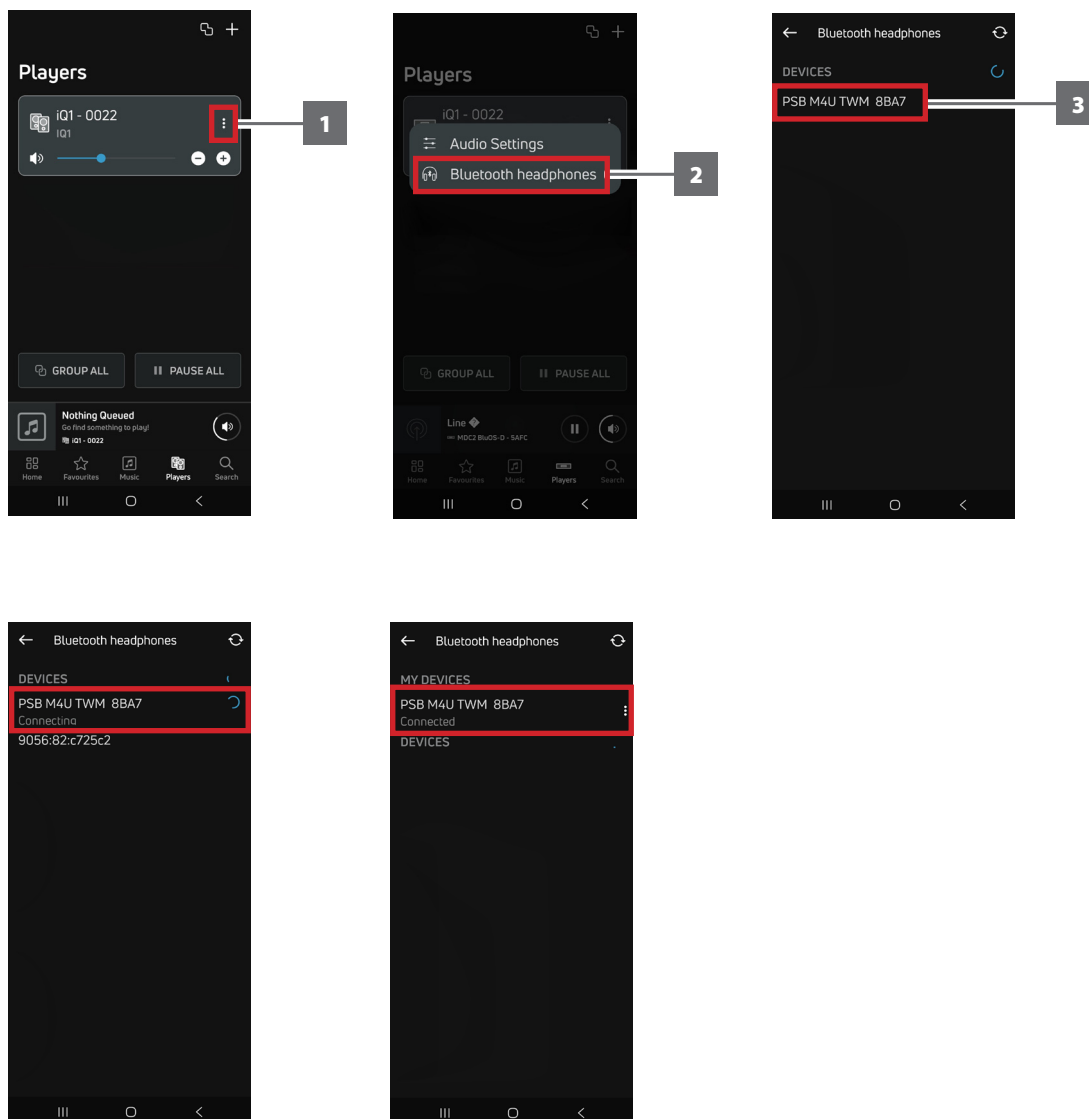
To disconnect or remove a paired Bluetooth device:

1. On your iOS, Android, or other Bluetooth-enabled device, navigate to **Settings → Bluetooth**.
2. Locate the paired iQ1 device (for example, iQ1 – 0022 BT) in the list of paired devices.
3. Choose **Disconnect** to end the current Bluetooth connection, or **Unpair** (or **Forget This Device**, depending on your device) to remove the pairing completely.

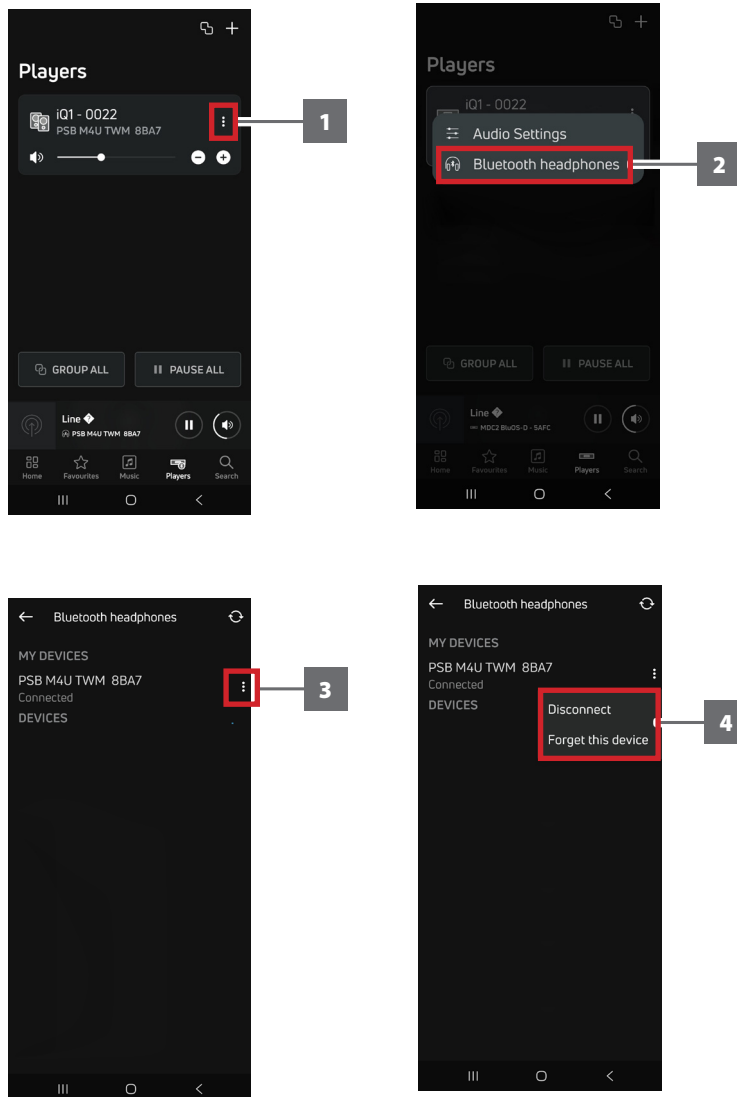
Bluetooth Headphone/Speaker Pairing

Bluetooth headphones and speakers can be paired with your iQ1 using the BluOS app. To connect or disconnect a Bluetooth headphone or speaker, select or tap the highlighted numbered items in the steps below.

Connect



Disconnect/Forget Device



Protecting your Investment

For long lasting enjoyment of your PSB product, you should respect their limits and avoid excessive volume levels for music or movie playback. Excessive volume levels can damage all types of speakers. If your speakers are pushed to excessive volume levels, they could be driven into “clipping”, which may result in severe and/or permanent damage.

When listening to your speakers at loud levels, listen carefully for any signs of harsh, distorted midrange and diminishing precision. If detected, turn the volume down immediately.

NEVER TEST PEAK LISTENING LEVELS OF YOUR SPEAKERS BY TURNING THE VOLUME TO THE MAXIMUM LEVEL.

Care and Cleaning

For safe, sanitary use, it is essential to maintain and clean your speakers periodically. However, excessive cleaning may cause damage and jeopardize the longevity of the product. When not in use, avoid storing in extreme hot or cold temperatures and humidity, and avoid exposure to liquids.

Packaging

We highly recommend retaining all product packaging for any necessary transport. To transport, carefully place the speakers into their original packaging and close each panel.

Cabinet Care

PSB cabinets have varying materials and finishes and should be treated with the same care you would with similar finishes such as on furniture. Dust lightly with a soft cloth, avoiding abrasive materials that will cause permanent damage to the cabinet. If necessary, wipe carefully with a cloth slightly dampened with water-based cleaner to remove heavy soil.

Drivers and Port Care

During light cleaning, avoid touching speaker diaphragms as it could cause permanent damage to the tweeter and/or drivers. To clean the driver ports, we suggest using lint-free cloth.

Environmental Protection

At the end of its useful life, this product must be returned to a collection point for the recycling of electrical and electronic equipment. Do not dispose with regular household waste.

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SPECIFICATIONS

FREQUENCY RESPONSE	
On Axis @ 0° ± 3dB	64 Hz - 20 kHz
LF Cutoff -10dB	35 Hz
AMPLIFIER POWER	
Amplifier Power (per speaker)	Tweeter = 45 Watts, Woofer = 90 Watts
ACOUSTIC DESIGN	
Tweeter (Nominal)	¾ inch (19mm) Aluminium Dome with Ferrofluid and Neodymium Magnet
Woofer (Nominal)	4 inches (100mm) Cone Rubber Surround Steel Basket
Design Type	Bass Reflex
ACOUSTIC CONNECTIONS	
Analog	Line in, Phono MM
Digital	BluOS, HDMI eARC, Optical, USB-C, USB-A
Wireless	aptX™ adaptive Bluetooth (Sink and Source, 2-way)
CONSTRUCTION	
Cabinet Sleeve	MDF
Front Baffle	MDF on Aluminum
Rear Baffle	Aluminum
SIZE (W x H x D)	
Net Dimensions	145 x 246 x 205 mm 5 3/4 x 9 11/16 x 8 1/8 inches
Net Weight	7.02 kg/15.48 lbs (pair)
Gross Weight	8.27 kg/18.23 lbs (pair)
Shipping Dimensions	270 x 430 x 390 mm 10 11/16 x 16 15/16 x 15 3/8 inches
FINISH	
Available Finish	Black, White

PSB Speakers
633 Granite Court Pickering, Ontario. L1W 3K1
CANADA

www.psb speakers.com
888-772-0000
(905) 831-6555
Fax: 905-831-6936

